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Qy   4431 CCCGCCAGGGGGCCGTTCGTACGTACCCGCCCCTCGTGTAAAGCCGCCGCCGTCGTCGCC 4490
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Db    361 CCCGCCAGGGGGCCGTTCGTACGTACCCGCCCCTCGTGTAAAGCCGCCGCCGTCGTCGCC 420

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Db    421 GTCCCCCGCTCGCGGCCATTT 441


RESULT 9
AF155217
LOCUS       AF155217                2842 bp    mRNA    linear   PLN 07-SEP-1999
DEFINITION  Triticum aestivum starch synthase IIA mRNA, complete cds.
ACCESSION   AF155217
VERSION     AF155217.2  GI:5834420
KEYWORDS    .
SOURCE      Triticum aestivum.
  ORGANISM  Triticum aestivum
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Pooideae; Triticeae; Triticum.
REFERENCE   1  (bases 1 to 2842)
  AUTHORS   Li,Z., Chu,X., Mouille,G., Yan,L., Kosar-Hashemi,B., Hey,S.,
            Napier,J., Shewry,P., Clarke,B., Appels,R., Morell,M.K. and
            Rahman,S.
  TITLE     The localization and expression of the class II starch synthases of
            wheat
  JOURNAL   Plant Physiol. 120 (4), 1147-1156 (1999)
  MEDLINE   99373402
  PUBMED    10444098
REFERENCE   2  (bases 1 to 2842)
  AUTHORS   Li,Z., Chu,X., Mouille,G., Yan,L., Kosar-Hashemi,B., Hey,S.,
            Napier,J., Shewry,P., Clarke,B., Appels,R., Morell,M.K. and
            Rahman,S.
  TITLE     Direct Submission
  JOURNAL   Submitted (30-MAY-1999) CSIRO Division of Plant Industry, GPO Box
            1600,, Canberra, ACT 2601, Australia
REFERENCE   3  (bases 1 to 2842)
  AUTHORS   Li,Z., Chu,X., Mouille,G., Yan,L., Kosar-Hashemi,B., Hey,S.,
            Napier,J., Shewry,P., Clarke,B., Appels,R., Morell,M.K. and
            Rahman,S.
  TITLE     Direct Submission
  JOURNAL   Submitted (07-SEP-1999) CSIRO Division of Plant Industry, GPO Box
            1600,, Canberra, ACT 2601, Australia
  REMARK    Sequence update by submitter
COMMENT     On Sep 7, 1999 this sequence version replaced gi:5825479.
FEATURES             Location/Qualifiers
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                     AKDDGWAVADDAGSFEHHQNHDSGPLAGENVMNVVVVAAECSPWCKTGGLGDVAGALP
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BASE COUNT      561 a    851 c    919 g    511 t
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ORIGIN

  Query Match             7.0%;  Score 354.4;  DB 8;  Length 2842;
  Best Local Similarity   99.7%;  Pred. No. 5e-34;
  Matches  355;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

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Qy   4656 ATCGCCCGCCCCGATCCCGGCCGCCGCCATGTCGTCGGCGGTCGCGTCCGCCGCGTCCTT 4715
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Db     61 ATCGCCCGCCCCGATCCCGGCCGCCGCCATGTCGTCGGCGGTCGCGTCCGCCGCGTCCTT 120

Qy   4716 CCTCGCGCTCGCCTCCGCCTCCCCCGGGAGATCACGCAGGCGGGCGAGGGTGAGCGCGCC 4775
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Db    301 CGCCGCGTCCGCGAGGCAGCCCCGCGCACGCCGCGGTGGCGCCGCCACCAAGGTCG 356


RESULT 10
A93354
LOCUS       A93354                  2825 bp    DNA     linear   PAT 22-JAN-2000
DEFINITION  Sequence 5 from Patent WO9745545.
ACCESSION   A93354
VERSION     A93354.1  GI:6741621
KEYWORDS    .
SOURCE      bread wheat.
  ORGANISM  Triticum aestivum
            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
            Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
            Pooideae; Triticeae; Triticum.
REFERENCE   1  (bases 1 to 2825)
  AUTHORS   Block,M. and Loerz,H.
  TITLE     NUCLEIC ACID MOLECULES ENCODING ENZYMES FROM WHEAT WHICH ARE
            INVOLVED IN STARCH SYNTHESIS
  JOURNAL   Patent: WO 9745545-A 5 04-DEC-1997;
            HOECHST SCHERING AGREVO GMBH (DE); BLOCK MARTINA (DE)
FEATURES             Location/Qualifiers
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